SPECIFICATION AMENDMENTS:

Please replace the paragraph on page 2, lines 14 through 17, with the following amended paragraph:

References 1 & 2 described above both ~~empoly~~ employ a car positioning device for detecting and recognizing the car which arrives at the toll station and then transmit a message about the arrival of the car to the billing center through an on-vehicle communication equipment for charging the toll.

Please replace the paragraph from page 4, line 22 through page 5, line 8 with the following amended paragraph:

Please refer to Fig. 1 which illustrates a state diagram of an automatic car toll paying method according to the present invention. The main concept of the present invention is that each cellular base station has a limited communication coverage in the cellular phone system. And, because each cellular phone owns a cell ID, when an on-vehicle cellular communication equipment 11 ~~under using~~ passes through one communication coverage and enters another communication coverage, the cell ID will be handed over to another cellular base station. As [[show]] shown in Fig. 1, the car passes through the communication coverage 3 of cell A and enters the communication coverage 4 of cell B and the communication

coverage 5 of cell C. In this condition, the car can be charged by the toll station 8 because the on-vehicle cellular communication equipment 11 ~~under using~~ enters the communication coverage 4 of cell B which covers the toll station 8.

Please replace the paragraph from page 5, line 9 through page 6, line 12 with the following amended paragraph:

Fig. 2 illustrates a practicing schematic view of an automatic car toll paying method in a preferred embodiment according to the present invention. Fig. 2 shows the interaction of an on-vehicle cellular communication equipment 11, an on-vehicle wireless DSRC (Dedicated Short Range Communication) transmitter 12, a cellular base station 6, a billing center 7, and a inspection location 9. Before the car enters a toll road 2 or bridge, the user previously ~~empolys~~ employs a hot key or the regular keyboard to call a specific number representing a log in of an automatic payment through the on-vehicle cellular communication equipment 11 and then hangs up. Continuously, when the car having the on-vehicle cellular communication equipment 11 therein which has been logged in enters a communication coverage of the cellular base station 6 covering the toll station 8, the cellular base station 6 will inform the billing center 7 to automatically chargeback from an account connected to the on-vehicle cellular communication equipment 11 or record the toll of the passing car. If the chargeback or the record

is completed, the billing center 7 will transmit a successful-payment message to the on-vehicle cellular communication equipment 11 in the car through the cellular base station 6 to be an electronic toll payment authorization. Moreover, the toll road 2 or bridge further comprises the inspection location 9 which has one or more automatic photographing devices for recognizing a license plate, and when the car passes through the inspection location 9, the electronic toll payment authorization must be transmitted to a short wireless signal receiving device in the inspection location 9 through an on-vehicle wireless DSRC (Dedicated Short Range Communication) transmitter 12 in the car, wherein the wireless transmission can be a microware or an infrared transmission. If the electronic toll payment authorization is not transmitted to the inspection location 9 by the car, the license plate of the car will be recognized by the automatic photographing device and an image and a vehicle identification number of the car will be transmitted to the billing center 7 to be [[an]] evidence for processing a toll ~~supplying~~.